AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (Cancelled)

2. (Currently Amended) A method of maintaining a rotational velocity of an imaging drum during engagement with a transfer roll in an image producing device comprising:

forming a nip to transfer an image from said imaging drum to media when said imaging drum is in engagement with the transfer roll;

maintaining a substantially constant imaging drum rotational velocity mode during engagement with the transfer roll;

sensing a lead edge of portion of said media prior to entering the nip;

activating torque assist to increase the velocity of said transfer roll when said media is in said nip for a defined period;

resuming said substantially constant imaging drum rotational velocity mode while a second portion of said media is in the nip; and ~~The method of claim 1, further comprising~~ sensing the trailing of said media prior enter the nip;

activating torque assist to decrease the velocity of said transfer roll when said media is in said nip for a second defined period; and

resuming said substantially constant imaging drum rotational velocity mode after said media has left the nip.

3. (Currently Amended) A method of maintaining a rotational velocity of an imaging drum during engagement with a transfer roll in an image producing device comprising:

forming a nip to transfer an image from said imaging drum to media when said imaging drum is in engagement with the transfer roll;

maintaining a substantially constant imaging drum rotational velocity mode during engagement with the transfer roll;

sensing a lead edge of portion of said media prior to entering the nip;

activating torque assist to increase the velocity of said transfer roll when said media is in said nip for a defined period; ~~The method of claim 1, wherein~~ said activating torque assist includes adjusting a current set point of a transfer roll drive to maintain a substantially constant imaging drum rotational velocity when said media enters the nip; and

resuming said substantially constant imaging drum rotational velocity mode while a second portion of said media is in the nip.

4. (Currently Amended) A method of maintaining a rotational velocity of an imaging drum during engagement with a transfer roll in an image producing device comprising:

forming a nip to transfer an image from said imaging drum to media when said imaging drum is in engagement with the transfer roll;

maintaining a substantially constant imaging drum rotational velocity mode during engagement with the transfer roll;

sensing a lead edge of portion of said media prior to entering the nip;

activating torque assist to increase the velocity of said transfer roll when said media is in said nip for a defined period;. ~~The method of claim 1, wherein~~ said activating torque assist includes adjusting a current set point of a transfer roll drive to maintain a substantially constant imaging drum rotational velocity as said media leaves the nip; and

resuming said substantially constant imaging drum rotational velocity mode while a second portion of said media is in the nip.

5. (Currently Amended) The method of claim ~~1~~2, wherein said maintaining includes increasing and decreasing said imaging drum rotational velocity ~~includes~~ by utilizing the table ~~base~~ based upon the media characteristics to determine the transfer roll drive current to maintain a substantially constant imaging drum rotational velocity.

6. (Currently Amended) The method of claim ~~1~~2, wherein said ~~first~~ defined period ~~and second defined period~~ includes utilizing the table ~~base~~ based upon the media characteristics to determine time periods to maintain a substantially constant imaging drum rotational velocity.